

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460



Office of Pesticide Programs

Antimicrobials Division (AD)

02/21/2017

EPA Reg#: 5813-111		DP Barcode: 438060	
		Submission #: 998360	E-Sub#: 17012
Product name: CLB		Registrant: The Clorox Co.	
Reviewer's name: Lindsay O'Dell		AD/PSB/CTT- Product Chemistry Review	
Agency due date: 05-21-2017		PSB received date:	
CTT received date: 02-10-2017		Science received date: 02-10-2017	
Formulation type: EP		Pesticide classification: Antimicrobial	
Integrated system: <input type="checkbox"/>		Nonintegrated system: <input checked="" type="checkbox"/>	Food use: <input checked="" type="checkbox"/> Nonfood use: <input type="checkbox"/>
Action Code: 575		Date Completed:	
PC Code(s)	CAS #(s)	Active Ingredient Names	% wt. (label)
014703	7681-52-9	Sodium hypochlorite	6.0%
Molecular Structure			
MRID(s): 50163401			
Approver: Karen P. Hicks		Approved date: 6/7/17	
Guideline: 830.6317, 830.6320			
Comments:			

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02/21/2017

MEMORANDUM

Subject: Product Chemistry Review for EPA Reg # 5813-111
Product Name: **CLB**
DP Barcode: 438060

From: Lindsay O'Dell, Chemist
Product Science Branch, CT Team
Antimicrobials Division (7510P)

A handwritten signature in black ink, appearing to read "L.O'Dell", is written over the name Lindsay O'Dell.

Thru: Karen P. Hicks, CT Team Leader
Product Science Branch
Antimicrobials Division (7510P)

A handwritten signature in black ink, appearing to read "K.P. Hicks", is written over the name Karen P. Hicks.

To: Demson Fuller, PM 32/Melanie Bolden
Regulatory Management Branch II
Antimicrobials Division (7510P)

APPLICANT: The Clorox Co.

Action code: 575

Formulation from Label

PC Code(s)	CAS #(s)	Active Ingredient Names	% wt (label)
014703	7681-52-9	Sodium Hypochlorite	6.0%
		Other ingredients	94.0%
		Total	100.0%

BACKGROUND:

The Registrant, The Clorox Co., is submitting data addressing the conditions of registration for the product, **CLB**, EPA Reg. No. **5813-111**. This product is a non-integrated, food-use, end-use pesticide formulated for household and institutional cleaning, disinfection, and sanitization.

The Product Chemistry Reviewer has received the following documents:

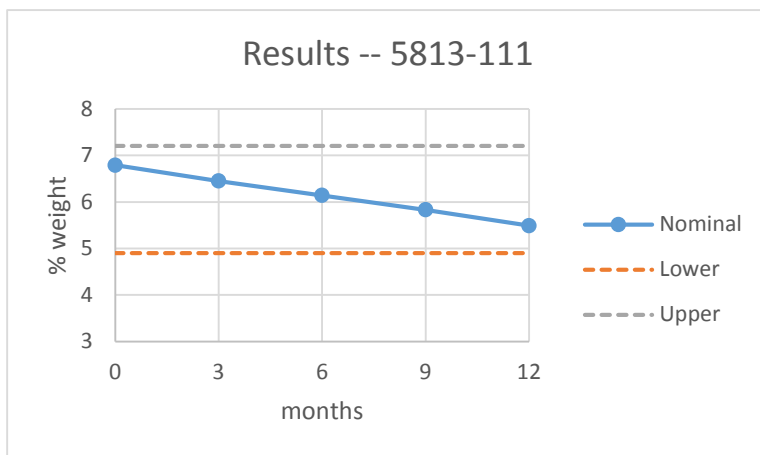
1. Cover letter (01/31/2017)
2. Transmittal document (01/31/2017)
3. Storage Stability & Corrosion Characteristics study (10/26/2016) MRID #50163401

The Product Chemistry Reviewer has used the signed Basic CSF (06/14/2016) for reference.

FINDINGS:

1. The storage stability and corrosion study took place from 07/02/2015-06/30/2016.
2. The samples were stored in 64 oz. opaque HDPE bottles.
3. The samples were stored at an ambient temperature range of 65-75°F.
4. During storage the container showed no signs of pitting, cracking or discoloration.
5. During storage, there was no significant weight change of the container.
- 6.

INTERVAL	% A.I.	SD
Initial	6.79	0.006
3 months	6.45	0.020
6 month	6.14	0.040
9 month	5.83	0.025
12 month	5.49	0.025



CONCLUSIONS:

The results on the 12-month Storage Stability & Corrosion Characteristics study indicated that the concentration of the active ingredient was maintained within the EPA Standard Certified Limits. Therefore, the reviewer finds that the OPPTS Guideline series 830.6317 and 830.6320 data requirements have been met for EPA Reg. No.: 5813-111.